

Remarks/Arguments:

The specification was objected to for informalities. These informalities have been corrected.

Claims 1-4 were rejected under 35 U.S.C. § 112, first paragraph for being non-enabling.

The Official Action argues that Applicants' formulae result in units of "number of addresses x (sec/kb)." The Official Action states that the units need to be "sec" for the claims to be enabled.

Applicants have revised the formulae at page 8 of the specification to indicate the proper units. That is, the formulae recite:

Monaural Sound:

$$\text{Reproduction Time (sec.)} = [(\text{the number of Addresses} \times \text{number of kb/address}) / (\text{Bit Rate (kb/sec.)})] / 1$$

Stereo sound:

$$\text{Reproduction Time (sec.)} = [(\text{the number of Addresses} \times \text{number of kb/address}) / (\text{Bit Rate (kb/sec.)})] / 2.$$

Applicants acknowledge, with thanks, the courtesy of the Examiner for granting a telephone interview. During the interview, the Examiner indicated that the above language overcame the enablement rejection, but required further consideration. Accordingly, that amendment is being filed so that it can be considered.

Applicants' formulae results in units of "sec." Because the numerator of the formulae is required to be in units of "kb" in order for the formulae to result in units of "sec," the unit of "kb" was implied. The formulae is now being clarified to show the numerator in units of "kb." The amount of data (i.e. "kb") is actually calculated by the number of addresses x the number of kb/address. That is, there is an amount of data in each address. The amended formulae produces a reproduction time in units of "sec." No new matter has been added.

More specifically, Applicants exemplary optical disc apparatus comprises a DRAM 111 for storing the data. (Page 6, lines 30-32). The data on the disc includes a plurality of

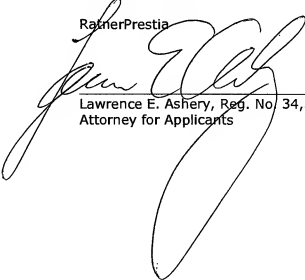
parameters, including the bit rate and address information. (Page 1, lines 20-22 and page 8, lines 24-26). As the disc rotates, the data is read from the disc and converted into an electrical signal and stored in the DRAM 111. (Page 7, lines 26-30). Thus, an amount of data (i.e. a number of address x number of kb/address) is stored in the DRAM 111. One of ordinary skill in the art would know that the amount of data recorded in a DRAM would be **digital data** and expressed in units of **bits (i.e. Kb)**. When the power supply is turned off, the optical disc apparatus is rebooted and the parameters are read from the DRAM 111, including the number of addresses x number of kb/address stored in the DRAM. (Page 8, lines 11-14). The reproduction time computing means then computes "...a point in time..." when the power supply is turned off based on the parameters read from the DRAM 111.

Thus, one of ordinary skill in the art would understand that Applicants formulae would result in units of time (sec) and thus, would be enabled to make Applicants' exemplary embodiment.

In view of the foregoing amendments and remarks, this Application is in condition for allowance which action is respectfully requested.

Respectfully submitted,

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